Auddard & Co.
10.3.23
MINUTES

Summary of Tasks/Deliverables

Deliverables:

1. Common software engineering artifacts
   a. [Project management plan](#)
   b. [Requirements document](#)
   c. Design document**
      i. Seamlessly aligns with the specified requirements
   d. Test cases**
2. Well documented C++ program that can evaluate arithmetic expressions with the specified operators and features
3. A user manual or README file explaining how to use the program, including examples

Project Tasks:

1. Expression Parsing:
   a. Implement a function to tokenize the input expression
   b. Create a data structure, such as a stack or a tree, to represent the expression's structure
2. Operator Precedence:
   a. Define the precedence of the operators according to the PEMDAS rules
   b. Implement the logic to evaluate the expression while considering operator precedence
3. Parenthesis Handling
   a. Develop a mechanism to identify and evaluate expressions within parentheses
4. Numeric Constants:
   a. Recognize numeric constants in the input. Initially assume the input will be integers only. In the future, there may be a request to accommodate floating point input values also so you experience change requests and embracing changes
5. User Interface:
   a. Create a user-friendly and legible command-line interface that allows users to enter expressions and displays the calculated results
6. Error handling:
   a. Implement robust error handling to manage scenarios like division by zero or invalid expressions

October 3rd, 2023

_____

Meeting Commenced: 8:02 PM
Meeting Adjourned: 8:28 PM
Location: Zoom
Attendance:

- ☑ ~~Sriya Annem~~
- ☑ ~~Lauren D'Souza~~
- ☑ ~~Ella Nguyen~~

- ☑ ~~Morgan Nguyen~~
- ☑ ~~Audrey Pan~~
- ☑ ~~Tanu Sakaray~~

Additional Notes: 100% attendance

Meeting Goals/Agenda:
1. Discuss grade for Assignment 1
   a. [README](#) file needs to be written
   b. REMEMBER TO ADD MINUTES TO GIT
2. [Software Requirements Doc](#)
   a. HAVE FINISHED BY SUNDAY, OCT. 8
   b. Briefly go through specific sections together
      i. Section 2-4
   c. Do we still want to assign a specific person to each section to have them write what we have discussed more formally in the Requirements Doc?
      i. Section 1 - Sriya
      ii. Section 2 - Tanu(pt 1) Lauren (pt2)
      iii. Section 3 - Audrey
      iv. Section 4 - Ella
      v. Section 5 - Morgan